BUREAU OF STATISTICS

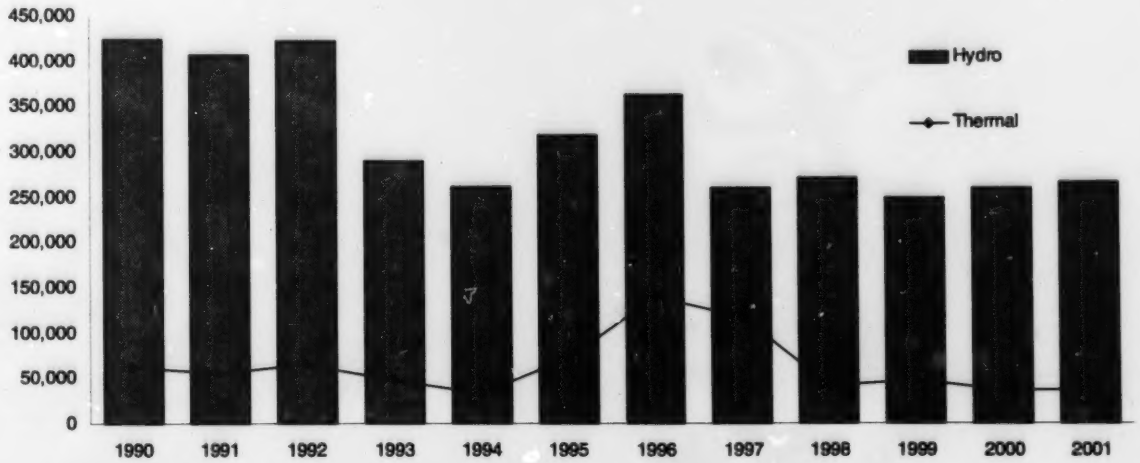
ENERGY FACTS

Electricity – *Generation*

How much electricity is generated in the Yukon, and who produces it?

	YUKON ELECTRICAL COMPANY		YUKON ENERGY CORPORATION			YUKON TOTAL		
	HYDRO	THERMAL	HYDRO	THERMAL	WIND	HYDRO	THERMAL	WIND
	(MWh)		(MWh)			(MWh)		
2001	9,165	21,026	256,709	15,105	1,125	265,874	36,131	1,125
2000	6,930	20,963	252,134	16,026	394	259,064	36,989	394
1999	4,544	20,791	242,798	27,356	267	247,342	48,147	267
1998	5,561	20,013	264,450	21,802	259	270,011	41,815	259
1997	6,343	21,421	252,581	95,881	226	258,924	117,302	226
1996	6,641	20,788	355,391	118,111	221	362,032	136,899	221
1995	7,077	17,943	310,128	52,373	227	317,205	70,316	227
1994	10,181	20,193	249,753	12,945	243	259,934	33,138	243
1993	9,677	19,644	279,623	28,355	86	289,300	47,999	86
1992	10,673	19,883	410,560	44,670	-	421,233	64,553	-
1991	9,924	18,988	395,390	36,783	-	405,314	55,771	-
1990	9,753	17,923	413,056	44,170	-	422,809	62,093	-

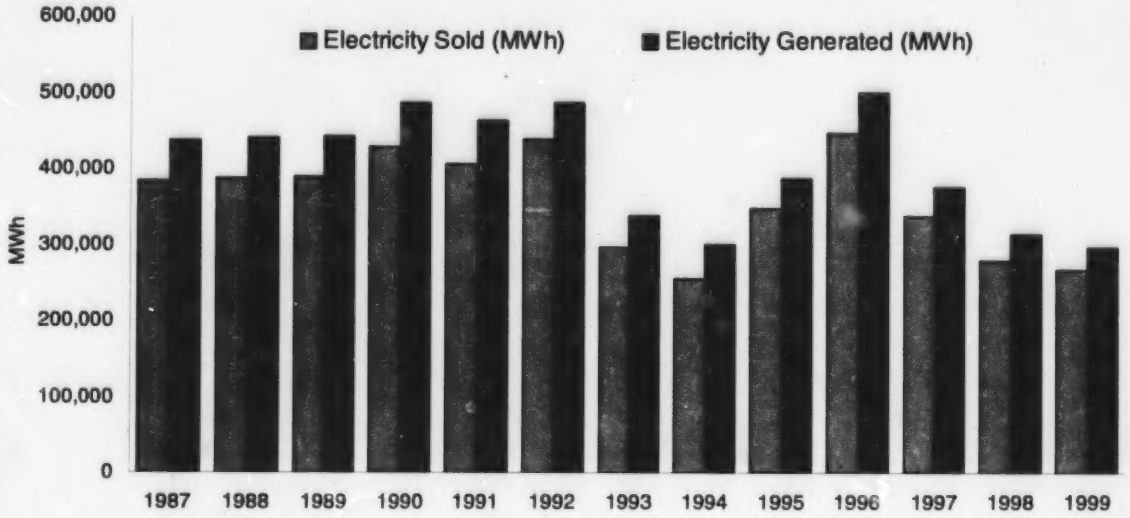
* *Hydro electricity*: Energy produced by utilising the water flow in a river.
* *Thermal electricity*: Energy produced by generators which run on petroleum products (e.g., diesel).
* *Wind electricity*: Wind generator at Haeckel Hill, Whitehorse, went into service in the fall of 1993. A second wind generator was added in October 2000.



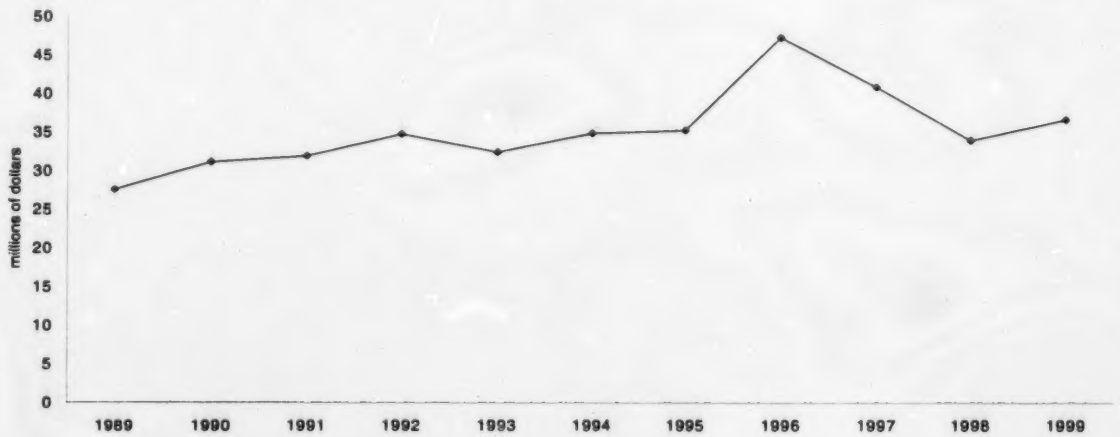
Source: Yukon Electric Company and Yukon Energy Corporation.

Electricity – *Consumption*

How much electricity is generated and sold in the Yukon?



What is the dollar value of electricity sold in the Yukon?



Source: Statistics Canada catalogue no. 57-202

Electricity – *Cost*

How much does the Yukon residential sector pay for electricity compared to the rest of Canada?

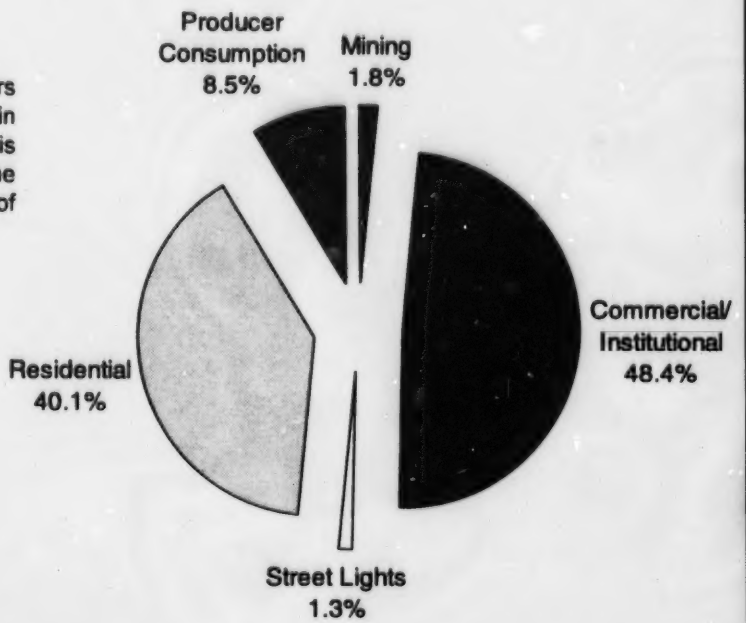
		1989	1990	1991	1992	1993	1994	1995	1996 (r)	1997	1998 (r)	1999
Average	Canada	748.68	778.45	815.84	867.58	902.12	907.63	890.70	898.92	890.85	862.83	883.94
annual bill ($)	Yukon	931.96	920.35	937.17	883.48	968.16	1,223.57	1,168.79	1,224.82	1,129.73	1,116.12	1,253.84
Consumption	Canada	13.28	13.02	12.82	12.83	12.73	12.57	12.31	12.58	12.34	11.79	12.01
per customer (KWh)	Yukon	10.83	11.83	11.68	11.06	10.95	10.35	10.10	10.60	9.82	9.56	9.70
Revenue	Canada	5.64	5.99	6.36	6.76	7.08	7.22	7.24	7.15	7.22	7.32	7.36
per KWh (cents)	Yukon	8.60	7.77	8.02	7.99	8.84	11.82	11.58	11.55	11.51	11.67	12.92

This table shows that the average annual electricity bill in the Yukon was $1,253.84 in 1999, an increase of $137.72, or 12.3%, over 1998. Comparing the Yukon to Canada, the Yukon average is $369.90, or 41.8%, more than the Canadian average of $883.94. On average, Yukoners consume annually 9,702 KWh of electricity, 19.2% less than the Canadian average of 12,012 KWh.

Source: Statistics Canada catalogue no. 57-202.

Electricity – *Distribution*

This chart shows the five sectors that consume electrical power in the Yukon. Their consumption is expressed as a percentage of the Yukon total electrical generation of 295,717 MWh in 1999.



Source: Statistics Canada catalogue no. 57-202.

Petroleum Products – *Consumption*

What were the domestic sales of motor gasoline?

MONTH	Total Sales	Total Retail Sales	Regular (Non-leaded gasoline)	Mid-grade (Non-leaded gasoline)	Premium (Non-leaded gasoline)
2000			(m3)		
January	2,145	1,425	1,976	18	151
February	2,539	1,687	2,277	16	246
March	4,286	2,847	3,880	12	394
April	2,221	1,736	2,033	13	175
May	3,650	2,854	3,385	16	249
June	5,690	4,449	5,306	18	366
July	6,084	4,522	5,666	19	399
August	5,343	3,972	4,944	16	383
September	3,979	2,958	3,759	17	203
October	2,859	2,045	2,661	27	171
November	2,810	2,009	2,649	10	151
December	2,858	2,044	2,537	175	146
2000 Total	44,464	32,548	41,073	357	3,034

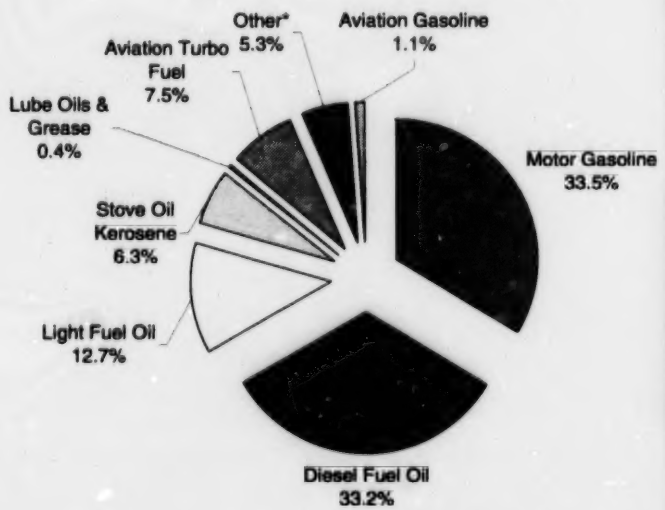
Note : Total sales of motor gasoline are the total sales in the Yukon Territory.
Retail sales of motor gasoline represent the sales conducted by retail service stations only.

Source: Statistics Canada catalogue no. 45-004.

Petroleum Products – *Distribution*

What is the breakdown of petroleum sales?

This chart shows consumption of the eight types of petroleum products sold in the Yukon. Each product is expressed as a percentage of the total petroleum consumption of 132,889 cubic metres in 2000.



Note: *Other includes asphalt, heavy fuel oil and naphtha specialties.

Source: Statistics Canada catalogue no. 45-004.

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Per Capita Gasoline Consumption

How much motor gasoline do Yukoners consume in comparison to the rest of Canada?

	Domestic Sales of Mogas (2000)	Population (July 1, 2000*)	Annual Consumption Per Person	Daily Consumption Per Person
Canada	38,336,213 m^3	30,750,087	1.247 m^3	3.42 litres
Yukon	44,464 m^3	30,606	1.453 m^3	3.98 litres

* = population figures are updated postcensal estimates.

This table shows that during 2000 the per capita consumption of motor gasoline in the Yukon was 3.98 litres per day, or 16.4% higher than the national average of 3.42 litres per day.

Source : Statistics Canada catalogue nos. 45-004, 91-213.

Petroleum Prices

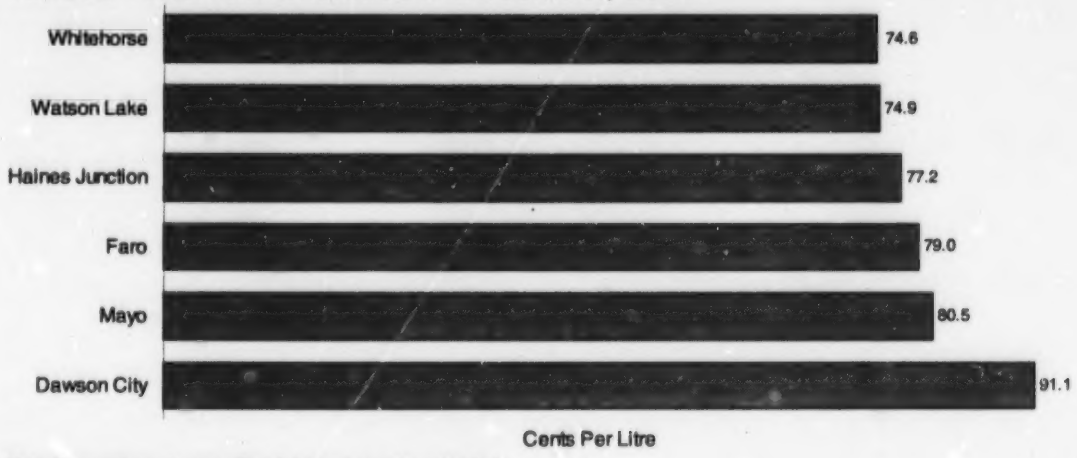
What is the price of regular gasoline and diesel fuel at full-service stations in Yukon communities?

	---- December 2001 ----	
	Unleaded Gasoline	Diesel
Communities	cents/litre	
Watson Lake	74.9	76.9
Haines Junction	77.2	73.4
Carmacks	--	--
Whitehorse	74.6	72.6
Mayo	80.5	76.2
Faro	79.0	85.1
Dawson City	91.1	89.2

Source: Yukon Bureau of Statistics.

Motor Gasoline Prices

What was the average price of full-serve regular unleaded gasoline in the various Yukon communities in December, 2001?



Note: Carmacks no longer offers full-serve regular unleaded.

Source: Yukon Bureau of Statistics.

Heating Methods

What are the principal heating methods in Canada?

2000

Total Households	Steam or Hot Water Furnaces	Hot Air Furnaces		Heating Stoves	Electric Heating[1]	Other[2]
		Forced	Other			
	estimates in thousands					
11,699	1,520	5,958	273	427	3,484	38
%	13.0	50.9	2.3	3.6	29.8	0.3

[1] Includes permanently installed baseboard electric heating as well as other types such as floor or ceiling heating wires, in all or most rooms.

[2] Includes cookstoves or ranges, fireplaces, solar heating, portable heaters, etc.

What is the principal heating fuel used in Canada?

2000

Total Households	Oil or Other Liquid Fuel[1]	Piped Gas	Bottled Gas	Electricity	Wood	Other[2]
		estimates in thousands				
11,699	1,456	5,654	126	3,909	544	...
%	12.4	48.3	1.1	33.4	4.7	...

[1] Includes kerosene. [2] Includes coal or coke.

Source: Statistics Canada *Survey of Household Spending*.

Energy Price Index

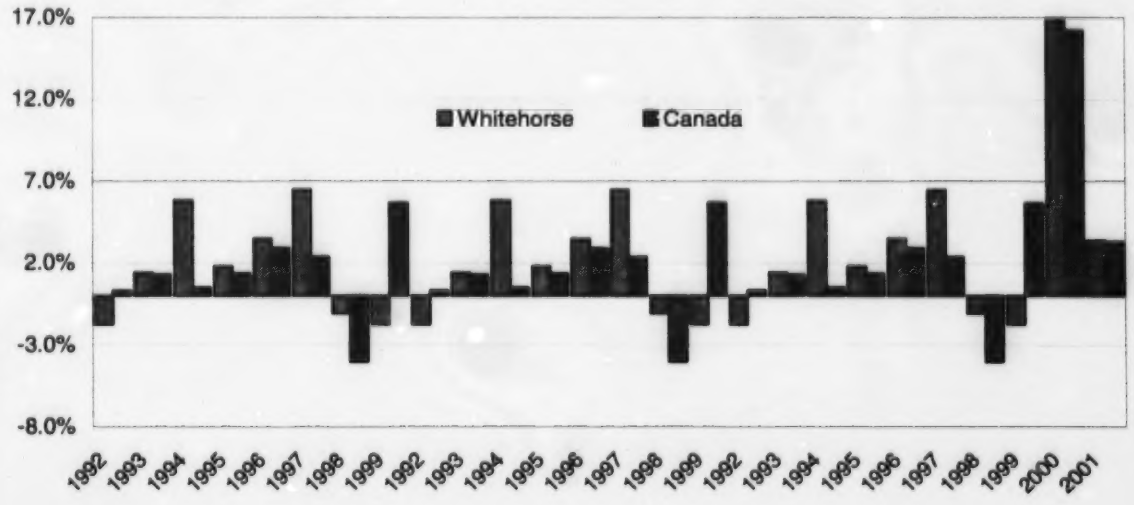
How has the price of energy changed over the past ten years in Whitehorse and in Canada?

		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Consumer Price Index, Energy, 1992 = 100	**Whitehorse**	100.0	101.4	107.3	109.2	113.0	120.3	119.0	116.9	136.6	141.2
	Canada	100.0	101.3	101.8	103.2	106.2	108.7	104.3	110.2	128.1	132.3

(*For example*: The consumer price index energy aggregate for Whitehorse for 2001 was 141.2 (1992 =100). This means that energy prices were 41.2% higher in 2001 compared with 1992.)

Source: Statistics Canada CANSIM II, Table no. 326-0002.

By what percentage has the price of energy changed from year to year in Whitehorse and in Canada?



Source: Statistics Canada CANSIM II, Table no. 326-0002.

Fuel Oil Costs

How expensive is fuel oil in Whitehorse compared to other Canadian cities?

	Whitehorse	Yellowknife	Vancouver	Toronto
	cents per litre			
Jan. '02	53.4	42.1	49.0	47.5
Jan. '01	65.9	56.3	61.7	64.6
Jan. '00	47.4	47.7	50.4	48.0
Jan. '99	40.1	32.6	40.6	37.1
Jan. '98	46.9	37.3	43.4	42.7
Jan. '97	44.7	42.4	44.1	44.4
Jan. '96	41.6	37.7	41.5	39.2
Jan. '95	42.3	38.5	41.5	38.3
Jan. '94	42.5	56.8	52.3	49.3
Jan. '93	42.3	39.2	41.6	37.1

This information sheet provides summary statistics on energy consumption, petroleum products and energy costs in the Yukon. Data presented is accurate as of February 2002, and was collected from a variety of sources, including the Yukon Government and Statistics Canada.

LEGEND

kW	Kilowatt = 1,000 watts
kWh	Kilowatt Hour = One kilowatt of power used for one hour.
MWh	Megawatt = 1,000,000 watts
m^3	Cubic metre = 1,000 litres
Mogas	Motor Gasoline
..	Figures not available
-	Nil or zero
(r)	Revised figures
(f)	Forecast figures
%	Percentage

Yukon
Executive Council Office
Bureau of Statistics

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